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IN THE CLAIMS

A listing of the pending claims follows.

1. (previously presented) A progressive dot printing ink-jet process comprising:
applying a first ink drop to a substrate; and
applying a second ink drop on to the first ink drop without intermediate solidification of the first ink drop,
wherein the first and second ink drops have a different viscosity, surface tension or curing speed.
2. (previously presented) A progressive dot printing ink-jet process according to claim 1, wherein subsequent ink drops are applied sequentially to the combined first and second ink drops without intermediate solidification of the first and subsequent ink drops.
3. (previously presented) A progressive dot printing ink-jet process according to claim 2, wherein at least four said ink drops are applied sequentially.
4. (previously presented) A progressive dot printing ink-jet process according to claim 1, wherein the first and second ink drops are different colors.
5. (previously presented) A progressive dot printing ink-jet process according to claim 4, wherein the ink drops are selected from cyan, magenta, yellow and black.

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6. (previously presented) A progressive dot printing ink-jet process according to claim 1, wherein the viscosity of the first to the last ink drops applied varies in a graduated manner within a range of from 10 up to 30 mPas or a range of from 30 down to 10 mPas.
7. (previously presented) A progressive dot printing ink-jet process according to claim 1, wherein the surface tension of the first to the last ink drops applied varies in a graduated manner within a range of from 20 up to 40 dynes/cm or a range of from 40 down to 20 dynes/cm.
8. (previously presented) A progressive dot printing ink-jet process according to claim 1, wherein the cure speed of the first to the last ink drops applied varies in a graduated manner within a range of from 20 up to 70 m/min or a range of from 70 down to 20 m/min.
9. (previously presented) A set of inkjet inks suitable for use in a progressive dot printing ink-jet process comprising at least two inks having a different viscosity, surface tension or curing speed.
10. (previously presented) A set of ink-jet inks according to claim 9, wherein the inks are selected from cyan, magenta, yellow and black.
11. (previously presented) A set of ink-jet inks according to claim 9, wherein the viscosity of the inks varies in a graduated manner within a range of from 10 up to 30 mPas or a range of from 30 down to 10 mPas.

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12. (previously presented) A set of ink-jet inks as claimed according to claim 9, wherein the surface tension of the inks varies in a graduated manner within a range of from 20 up to 40 dynes/cm or a range of from 40 down to 20 dynes/cm.

13. (previously presented) A set of ink-jet inks according to claim 9, wherein the cure speed of the inks varies in a graduated manner within a range of from 20 up to 70 m/min or a range of from 70 down to 20 m/min.

14. (previously presented) An ink dispenser holding a set of ink-jet inks according to claim 9.

15. (previously presented) A progressive dot printing ink-jet process according to claim 2, wherein the first and subsequent ink drops are each different colors.

16. (previously presented) A progressive dot printing ink-jet process comprising:

applying a first ink drop to a substrate; and

applying a second ink drop on to the first ink drop without intermediate solidification of the first ink drop,

wherein a viscosity of the first to a last ink drop applied varies in a graduated manner within a range of from 10 up to 30 mPas or a range of from 30 down to 10 mPas.

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17. (previously presented) A progressive dot printing ink-jet process comprising:

applying a first ink drop to a substrate; and

applying a second ink drop on to the first ink drop without intermediate solidification of the first ink drop,

wherein a surface tension of the first to a last ink drop applied varies in a graduated manner within a range of from 20 up to 40 dynes/cm or a range of from 40 down to 20 dynes/cm.

18. (previously presented) A progressive dot printing ink-jet process comprising:

applying a first ink drop to a substrate; and

applying a second ink drop on to the first ink drop without intermediate solidification of the first ink drop,

wherein a cure speed of the first to a last ink drop applied varies in a graduated manner within a range of from 20 up to 70 m/min or a range of from 70 down to 20 m/min.

19. (previously presented) A set of inkjet inks suitable for use in a progressive dot printing ink-jet process comprising at least two inks having a different viscosity, surface tension or curing speed, wherein the viscosity of the inks varies in a graduated manner within a range of from 10 up to 30 mPas or a range of from 30 down to 10 mPas.

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20. (previously presented) A set of inkjet inks suitable for use in a progressive dot printing ink-jet process comprising at least two inks having a different viscosity, surface tension or curing speed, wherein the surface tension of the inks varies in a graduated manner within a range of from 20 up to 40 dynes/cm or a range of from 40 down to 20 dynes/cm.

21. (previously presented) A set of inkjet inks suitable for use in a progressive dot printing ink-jet process comprising at least two inks having a different viscosity, surface tension or curing speed, wherein the curing speed of the inks varies in a graduated manner within a range of from 20 up to 70 m/min or a range of from 70 down to 20 m/min.